

CLAIMS

Claim 15 has been cancelled without prejudice and without disclaimer of subject matter.

Claims 21 and 22 have been added:

Please amend Claims 1, 3, 5, 11, 13, 14, 16 and 20 as set out below:

1. (Currently Amended) A method monitoring a count of people traversing at least first and second passageways, said method comprising:

providing a first people counting data collection unit configured to store a first set of people count data representative of people traversing said first passageway;

providing a second people counting data collection unit configured to store a second set of people count data representative of people traversing said second passageway,

establishing bi-directional communication between said first people counting data collection unit and said second people counting data collection unit, whereby said first set of people count data is accessible by said second people count data collection unit and said second set of people count data is accessible by said first people count data collection unit; and

analyzing said second set of people count data and said first set of people count data using one of said first people counting data collection unit and said second people counting data collection unit.

2. (Original) The method of claim 1, said method further comprising advertising presence of said first people counting data collection unit to said second people counting data collection unit.

3. (Currently Amended) The ~~system~~ method of claim 2, said method further comprising advertising presence of said second people counting data collection unit to said first people counting data collection unit.

4. (Original) The method of claim 1, said method further comprising periodically advertising presence of said first people counting data collection unit to said second people counting data collection unit.

5. (Currently Amended) A people counting system comprising:
a first people counting data collection unit configured to store a first set of people count data; ~~and~~

a second people counting data collection unit configured to store a second set of people count data; and

a display screen coupled to at least one of said first people counting data collection unit and said second people counting data collection unit for displaying people counting data corresponding to at least one of said first people counting data collection unit and said second people counting data collection unit,

said first people counting data collection unit being configured for bi-directional communication with said second people counting data collection unit.

6. (Original) The system of claim 5, wherein first people counting data collection unit is configured for accessing said second set of people count data from said second people count data collection unit.

7. (Original) The system of claim 6, wherein second people counting data collection unit is configured for accessing said first set of people count data from said first people count data collection unit.

8. (Original) The system of claim 5, wherein said first people counting data collection unit is configured to advertise its presence to said second people counting data collection unit.

9. (Original) The system of claim 8, wherein said second people counting data collection unit is configured to advertise its presence to said first people counting data collection unit.

10. (Original) The system of claim 5, wherein said first people counting data collection unit is configured to periodically advertise its presence to said second data collection unit.

11. (Currently Amended) A machine readable medium whose contents cause a first people counting data collection unit to perform a method of communicating with at least a second people counting data collection unit, said method comprising:

advertising a presence of said first people counting data collection unit to at least said second people counting data collection unit;

receiving a second set of people count data from said second people counting data collection unit; and

analyzing said second set of people count data and a first set of people count data from said first people counting data collection unit.

12. (Original) The machine readable medium of claim 11, wherein said advertising is performed periodically.

13. (Currently Amended) The machine readable medium of claim 11, wherein said method further comprises:

~~receiving a second set of people count data from said second people counting data collection unit~~ providing an output signal in response to said analyzing step.

14. (Currently Amended) The machine readable medium of claim 13, wherein said method further comprises:

~~analyzing said second set of people count data and a first set of people count data from said first people counting data collection unit~~ displaying said second set of people count data and said first set of people count data.

15. Canceled.

16. (Currently Amended) A people counting data collection unit comprising a processor, a display screen displaying people counting data and a machine readable medium having contents that cause said people counting data collection unit to perform a method of communicating with at least a second people counting data collection unit, said method comprising:

advertising a presence of said first people counting data collection unit to at least said second people counting data collection unit.

17. (Original) The people counting data collection unit of claim 16, wherein said advertising step is performed periodically.

18. (Original) The people counting data collection unit of claim 16, wherein said method further comprises:

receiving a second set of people count data from said second people counting data collection unit.

19. (Original) The people counting data collection unit of claim 18, wherein said method further comprises:

analyzing said second set of people count data and a first set of people count data from said first people counting data collection unit.

20. (Currently Amended) The people counting data collection unit of claim ~~19~~ 22, wherein said method further comprises:

providing an output signal in response to said analyzing step.

21. (New) The people counting data collection unit of claim 20, wherein said method further comprises:

displaying said second set of people count data and said first set of people count data on a display screen.

22. (New) A people counting data collection unit comprising a processor and a machine readable medium having contents that cause said people counting data collection unit to perform a method of communicating with at least a second people counting data collection unit, said method comprising:

advertising a presence of said first people counting data collection unit to at least said second people counting data collection unit;

receiving a second set of people count data from said second people counting data collection unit; and

analyzing said second set of people count data and a first set of people count data from said first people counting data collection unit.